

CAREER RESOURCES

DATA ANALYST

// VALUABLE SKILLS AND ABILITIES

- Data collection
- Data analysis and manipulation
- Statistical analysis
- Mathematical optimization
- Communication
- Analytical/problem-solving skills
- Strategic thinking/planning
- Information management
- Programming
- Machine learning
- Database design
- Statistical software systems
- Assessment
- Evaluation/analyses

// SAMPLE EMPLOYERS

- [Digitas](#)
- [SAP](#)
- [CISCO](#)
- [JP Morgan](#)
- [Capital One](#)
- [JSTOR](#)
- [Expedia](#)
- [Union Pacific](#)
- [IBM](#)
- [Deloitte](#)
- [SAIC](#)
- [Freddie Mac](#)
- [Booz Allen Hamilton](#)
- [CGI Group](#)
- [CACI](#)
- [DataStat, Inc.](#)

// PROFESSIONAL ASSOCIATIONS

- [Data Management Association International](#)
- [Data Science Association](#)
- [Association for Computing Machinery and Special Interest Groups](#)
- [Digital Analytics Association](#)
- [San Francisco Bay ACM Data Mining SIG](#)
- [International Machine Learning Society](#)
- [International Institute for Analytics](#)
- [Institute for Operations Research and the Management Sciences](#)
- [American Statistical Association](#)

// SAMPLE JOB TITLES

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|---|--|
| • Market Data Analyst | • Business Intelligence Data and Financial Analyst |
| • Financial Data Analyst | • Data Quality Analyst |
| • IT Data Analyst | • Clinical Data Analyst |
| • Data Analyst-Report Engineer | • Data Architect |
| • Big Data Architect and Engineer | • Clinical Data Manager |
| • Senior Data, Systems, and Integration Analyst | • Senior Business Analyst |
| | • Reporting Analyst |

// INDUSTRY JOB AND INTERNSHIP SITES

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|--|---|
| • <u>icrunchdata</u> | • <u>ComputerWork</u> |
| • <u>Data Jobs</u> | • <u>Big Data Careers</u> |
| • <u>Kaggle</u> | • <u>devBISTRO</u> |
| • <u>Analytic Talent</u> | • <u>TechFetch</u> |
| • <u>KDnuggets</u> | • <u>JustTechJobs</u> |
| • <u>Dice</u> | |

// PREVIOUS UMSI INTERNSHIPS

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|--|---|
| • <u>Llamasoft</u> | • <u>HathiTrust</u> |
| • <u>GiveDirectly</u> | • <u>Marketing Associates</u> |
| • <u>U-M Population Studies Center</u> | • <u>GE Aviation</u> |
| • <u>Truven Health Analytics</u> | • <u>Autodesk</u> |
| • <u>ForeSee by Answers</u> | • <u>Explorys</u> |
| • <u>Sight Machine</u> | • <u>Union Pacific</u> |